



KPR INSTITUTE OF ENGINEERING
AND TECHNOLOGY

(Autonomous)

Annual Report

2023 – 2024

Office of Principal

KPR Institute of Engineering and Technology



Annual Report 2023 - 2024

Towering high with success, the sceptre of KPR Institute of Engineering and Technology (KPRIET) radiates the rays of triumph as a leading TIER – I institute of academic excellence by imparting technical, intellectual and professional skills to students. This Annual Report unveils the astounding accomplishments of the academic year 2023 -2024.

Statutory Committees

Having offered a quintessential learning space for 15 years, KPRIET has fostered an ecosystem that is sustainable and collaborative. Enjoying the prerogative of Autonomy, the institution functions under the purview of the statutory committees like Governing Body, Academic Council, Board of Studies and Finance Committee. The functional organisational structure is at the helm of the Principal and is operated by the direction of Register, Directors and Heads of the Departments endorsing the core values of PRACTICE (Professionalism, Responsible, Adaptable, Coherent, Transparent, Integrity, Compassionate and Ethical). With an overriding interest towards upskilling, experiential learning and innovation, the institution is shouldered by 16 Non- statutory Committees, 19 Centres/ Cells, 14 Sangamam clubs and 8 Ignitron Clubs, 20 Professional Bodies and 5 Community Services. Needless to say, the collaborative efforts of the institution have spelled success with the Accredited by NBA under TIER - I category for 4 B. E. Programs namely EEE, ECE, CSE and Mechanical.

Students Strength

Encompassing a multitude of **4,518 students**, the institute caters to international standards with a plenitude of **85 International students** out of which 60 are from Nepal, 12 of them from Zimbabwe, 5 from Bangladesh, 3 from Sudan, 2 from

Srilanka and 1 each from Saudi Arabia, Yemen and Tanzania. Further, a total of **86 students** are pursuing their **PG Degree**. Pertaining to Research, a humungous number of **267 Ph.D Scholars** are pursuing their research, out of which **73 are full time scholars** and **194 are part time scholars**.

Scholarship Details

With a deep sense of adulation and exaltation, let me take a moment to emphasize the altruism of the management. In this academic year, a huge number of **295** first year meritorious students have been the beneficiaries of KPR Scholarship, worth **1.81 Crores**. Considering the II year 218 students enjoyed scholarship worth **1.11 crores**. In III year, **64** students got scholarship worth **18 lakhs** and in final year, a total of **375 students** have been benefitted from the scholarship worth **1.02 Crores**. It is indeed gratifying to mention that our chairman has offered a handsome amount of **4.14 Crores** towards scholarship and a multitude of **952 students** have been privileged to pursue their studies under KPRIET Scholarship. In the upcoming academic year, Our Chairman, Dr. K.P. Ramasamy has been generous to sanction Rs. 2 Crore, as merit scholarship under various categories for I years alone.

Ranking and Accolades

KPRIET has stayed ahead of the game and has proved its metal to the marvel of its stake holders. The Institute comprises a squad of **259** competent and brilliant Professors and **306** skilled non- teaching and administrative staff. Let me share a few of our significant academic achievements.

- In NIRF ranking 2023 – the institute has positioned itself between 101 – 150 band in Engineering Category; 151 – 200 band in Overall Ranking and 51 – 100 band in Innovation.
- Best Performance Award from PALS for the academic year 2022 -2023.
- Best Private Engineering College under ROTN (Rest of Tamil Nadu) bestowed by FICCI & Indian Express – Tamil Nadu Higher Education Summit & Awards 2023.
- SSC NASSCOM Skilling Award conferred by Future Skills Prime NASSCOM

- Dr. M. Ramasamy, Secretary of KPRIET, elected to fellow at Indian Institute of Chemical Engineers bestowed by Indian Institute of Chemical Engineers, Kolkata.
- 6 Professors namely Dr. K. Ravikumar, Lt. Dr. A.K. Priya, Dr. L. Rajeshkumar, Dr. P. Manoj Kumar, Dr. A. Karthick and Dr. D. Vigneswaran were recognised as World's Top 2% Scientists by Stanford University, USA.
- Secured 4 Stars in IIC (Institution's Innovation Council) rating and also selected as a mentor institution with a grant of Rs.2.25 Lakhs.
- Received approval for 2 TN Naval NCC Unit
- Yuva club of KPRIET received "Branding Champion Award" from Young Indians (Yi) - Yuva, Coimbatore Chapter.
- Indian Concrete Institute (ICI) Chapter of Civil Engineering Department secured the Outstanding Student Chapter Award from Indian Concrete Institute and Ultra Tech Cements Pvt. Ltd
- Department of Artificial Intelligence and Data Science received Research Centre Recognition under Self Financing Category in Coimbatore Region.
- KPRIET Staff Cricket Team bagged First Place in BIT Trophy and First Place in UIT Tournament

Faculty Achievements

The relentless efforts of the faculty members reflect in their notable achievements and accolades that have made the institute bask in glory.

- Mr. C.J. Vignesh of EEE has secured a Grant of Rs. 10.5 Lakhs for MSME Idea Hackathon 2.0
- Mr. N. Udayakumar of Mechanical Department secured a Grant of Rs. 11.5 Lakhs for MSME Idea Hackathon 2.0
- Lt. Dr. A. K. Priya of Chemical Department topped among 15 in Tamilnadu Pollution Control Board – Hackathon

- Mr. R. Krishna kumar of BME Department completed two months of Summer Research Fellowship (SRF) program under the mentorship of Prof. Tapan Kumar Gandhi at IIT Delhi organised by CEP – QIP, IIT Delhi.
- Lt. Dr. A. K. Priya of Chemical Department has secured a Grant of Rs. 15 Lakhs in favour of TANSEED 5.0, sanctioned by Startup and Innovation Mission, MSME, TN Startup, Government of Tamil Nadu.
- Dr. T. Daniel Thangadurai of Chemistry Department received Project Grant of Rs. 23 Lakhs from Council of Scientific & Industrial Research, Ministry of Science and Technology, Govt. of India.
- Dr. G. Anusha has been the recipient of Young Achiever Award 2023 bestowed by Institution of Engineers, Coimbatore Chapter. She has also received the Prestigious Engineers Award in Societal Relevant Research Category from Ramco Super Crete Limited and Hindu Tamilisai Newspaper and Shri. P. K. Das Memorial Best Faculty Award from Nehru Group of Institutions.

Accolades by Students

The students of KPRIET have proved their excellence and potential by adding laurels to the institution. Let me list a few of their significant achievements,

Technical Contests

- K. Namburigha, of III Mechanical has received a Grant of Rs. 11.5 Lakhs from MSME Idea Hackathon 2.0
- S. Vedika of EC, S. Ajith of ME, K.S. Vishva of EE, S. Prasanna Kumar of CE R. Navin Kumar of ME have received a Grant of Rs. 4 lakhs from IIT Guwahati & Technology Innovation and Development Foundation (TIDF).
- K. Suryanarayanan, S. Ajith and S. Abhinesh of Mechanical have been shortlisted as Top 10 Projects of the Year at Naan Mudhalvan, Tamilnadu Project Expo 2023.
- S. Yaswanth, Pradeep Raja, M. Sampath, E.S. Sanjay Siva, S. Sanjay of Mechanical Department have won Best Acceleration, Traction and

Maneuverability Award and have been adjudged as winners of "Kill the Hill" in Champion of the Formula Off-road Mini Baja India organised by ISNEE Motorsports Pvt Ltd. (Indian Society of New Era Engineers).

- S. Dhanush Kumar of II ME and S. Vedika of II EC bagged First Prize in Aqua wars, Second Prize in Sky Sprint, Third Prize in Track Titans and K.S. Vishva of II EE, S. Prasanna Kumar of II CE have secured First Prize in Escalade and Second Prize in Aqua wars in Techniche'23 organised by IIT Guwahati.
- C. Ranjithkumar, S.Pavan, K.Tharun, B.Udhayadharanish, S.Thashnamurthy, M.Santhosh from ECE have won First Place with the Cash Prize of Rs.10,000 in Conscientia'23 organised by Indian Institute of Space Technology Thiruvananthapuram, Kerala.
- C.A. Abishek & Team of II CB have won the the Best project award under the "Waste Management" Category from Guru Nanak Institutions, Hyderabad.
- K.Lalith, P.R. Varun, S. Madhavan, B. Uhayadharanish of ECE have been adjudged as winners in Dr. Kalam Young Achiever Award 2023 at World Youth Federation, Tamilnadu held at Anna University.
- Amarnath Arumugam of 2019 -23 EC Batch, is titled winner of Mr.Supranational South India 2023.
- R. Sri Kumaran, IV CS, bagged First place with the cash prize of Rs.75,000 in Reckathon 2023.
- K. S. Vishva, I EE, won First place with the cash prize of Rs. 12,000, in Startup Kushi BOT Analysis.
- K. Lalith of IV EC bagged first place and P. Arunajayan, B. Bala, R.K. Sakthivelan, K. Suriya of Mechanical Department secured Second Place in Robo Oceana (Hovercraft Racing) -SHAASTRA' National Level Technical Fest organised by IIT Madras.
- V. Ashwin, C.S. Shiran, and K.S. Vishal of AD bagged First Place in modelling using reclaim protocol and Third Place in Overall category among 73 teams and T. Ranjith of III ECE secured second place with a cash prize of Rs. 6000/- at BITS Pilani, Goa.

- C. A. Abhishek of II CSBS got second place in National Level Hackathon at Padmabhooshan Vasanthaodada Patil Institute of Technology, Maharashtra.
- T.G. Akil Krishna of II EC bagged first place in Sand Rover at IIT Kharagpur.

NCC

- A. M. Sachin of IV EC has been selected to Air Force Camp at the Air Force Academy, Telangana.
- Cadet R. Arthi won Bronze Medal in Open sight 50m Rifle prone- Women individual category at National Level Shooting Championship, Madhya Pradesh.
- Cadet C.S. Pradeep of II MT bagged Silver Medal in Obstacle Training at Thal Sainik Camp, New Delhi.
- P. Hemanth Kumar of IV CE has achieved Commendation from Director General for his admirable representation in Guard of Honour - Republic Day and awarded during Republic Day camp 2024.

Sports

- R. Aarthi, III EC has bagged 4 Gold medals, 3 Bronze medals and 1 Silver medal in 48th Tamilnadu Sports Shooting Competition 2023.
- P. J. Harivatsan of I Mechatronics secured first place in Inter open state championship Silambam organised by Maayon Veera Kalai Koodam, Government of Tamilnadu.
- M. Kishore, III BM, secured Second place with the cash prize of Rs.7000/- in District level Kabadi match conducted by SIDCO Sports Club.
- P. Balaji of III EC and G. Bharath of III CS have won Gold Medal & Silver medal respectively in Karate and have been selected to compete Karate - Men (KUMITE) in National and South Zone Karate Championship.
- P. Sandeepraaj of III EE and T. Eraja Srider of III CH have bagged Gold Medal for Best Flying Cadet and Aeromodelling -Control Line at Inter Air Squadron Competition (IASC)-2023, Air Force Station, Chennai.

- L. Gokul of AD, bagged 2 Gold and 1 Silver medal in Roller Skating organised by Subbu Speed Skating Club, Erode.
- S. Jegan of CE, won Gold medal in Roller Skating-Men in 18th Pudhukottai District Roller Skating Championship.
- M. Praveen kumar of Civil Engineering won Gold Medal in 400m Hurdles in Sivagangai District Junior Athletic Association held at Alagappa University, Karaikudi.
- S. Pannai Alangara Pandian of III EE has bagged Gold Medal in Javelin Throw in 62th Coimbatore District Junior Athletic Championship 2023 organised by Bharathiar University, Coimbatore.
- S. Hari Hara Sudhan of ME has secured Gold Medal in 8th Kodai Cup National Level Open Karate Championship.
- S. Kavin Dharshini of III CE has won Bronze Medal in Karate-Women (KUMITE) in the 2nd South Indian Karate Championship, Thiruvananthapuram.
- R. Abimanyu of II ME, VLSI has been Selected to participate in the 37th National Games 2023 at Goa by Sports Authority of India and Indian Olympic Association.
- V.M. Praveen Kumar of II EE secured Second Prize in 190 kg Deadlift and S. Ashik Irfan of III CE has got fifth place in 130 kg Deadlift in Open TMF Classic 2023 organised by Indian Fitness Federation, Coimbatore.
- M. Vignesh of IV EE has bagged Bronze Medal in Inter Zone Taekwondo Championship.
- S.K. Hari Adhithiya of II AM bagged Gold Medal in International Silambam and Karate Championship 2023.
- R. Abimanyu of II ME, VLSI has represented Anna University in All India Inter University Wushu Tournament 2024 at Jammu University.
- KPRIET Men Badminton Team emerged as Winners, KPRIET Women Basketball Team and KPRIET Women Badminton Team secured runner up position in Anna University Zone-IX Tournaments.

- KPRIET Men Football Team and KPRIET Women Volleyball Team have bagged first place and KPRIET Men Volleyball Team, KPRIET Men Handball Team have secured Second place and KPRIET Men Kabaddi Team has got Third place in Anna University Zone-IX Tournament.

Academic Performances

Moving on to the academic performance of the students, in this academic year 2022-2023, the students have emerged victorious with their outstanding academic performances. The overall pass percentage of UG Programmes for the ODD Semester is **84.17 %**, out of which the I year pass percentage is **83.96 %** the II-year pass percentage is **80.25 %** the III is **81.19 %** and the final year have secured **91.72 %**. Considering, PG Programmes, the overall pass percentage is **95.35 %**. The Programmes like M.E. CAD / CAM, VLSI and CSE have secured **100 %** result and M.E Structural Engineering has a pass percentage of **87.50 %**.

With respect to NPTEL Courses a total of **830** students and **75** faculty members have completed the course through proctored mode. Moreover, **11 faculty members** and **14 students** have topped the course and **4 faculty members** have been commended as NPTEL Stars. Considering Competitive Examinations, Rahull E of ECE has qualified GATE examination and a total of 8 students from ME, ECE, CE and CSE have qualified TANCET and **8** students have qualified **Q4 & Q5 NAT-Japanese Language Proficiency Test**.

With a vision to support Sustainable Development Goals, the institution has organised a fair number of **477 events**, out of which 39 value added courses, 2 International Conferences, 1 National Conference, 30 Seminars, 69 Expert Talks, 53 Guest Lectures, 9 Symposiums, 29 webinars, 48 workshops, 5 FDPs, 8 MoUs, 11 ISR activities, 27 Alumni activities were organised.

Research and Innovation

Research and Innovation are the quintessential factors that fuels the crusade of Institutional evolution. The Centre for Research and Development, Centre for Innovation Incubation and Entrepreneurship Development and Industry Institute Partnership Cell have moved mountains to reach the zenith of success. The

apparent and striking outcome of research include, **631 publications** in Scopus, SCI, National and International Journals and Book Chapters. In addition, there are **105 patent publications**, out of which **8 were granted**. Considering funding, a total of Rs. **99.9 Lakhs** has been received as Grants from various forums like AICTE, C-DAC, CSIR, DRDO, DST SERB, SERB, MSME, TANSIM and many more. Further, with consultancy a fair sum of **Rs.12.36 lakhs** has been received.

Placement Record

The Career Development Centre has shown an incredible and astounding placement record with 54 LPA as the highest package and 5.2 LPA as the average package. This year, we hold a placement record of **93 %**, and 4 students have been placed in top-notch MNCs with the dream package of **54 LPA** and 6 students have been placed in **40 LPA**. Moreover, there has been **165 +** recruiters with a total of **850 +** offers as of now.

At this juncture, I place on record my gratitude towards our beloved Chairman, Dr. K.P. Ramasamy for his benevolence and philanthropy towards the teaching and learning fraternity. Having said that, I believe that KPRIET has recited a spectacular success story this year and in future, our journey shall tell more stories that are laudable and inspiring. I thank all the students for their tremendous contribution towards a successful year. Wishing you all good luck.